



ABSTRACTS #2

GB9906080.8

===== WPI =====

TI - Drug for treating gastritis and gastric or duodenal ulcers - comprises crude drug of capsicum, green tangerine peel and/or *Gentiana scabrae* radix to inhibit *Helicobacter pylori* multiplication

AB - J07196525 Drug comprises at least 1 crude drug of capsicum, green tangerine peel, *Gentiana scabrae* radix, *evodiae* fructus, *picrosmae* lignum, *rhizoma acori graminei*, and *rhizoma kaempferiae*, which inhibit multiplication of *Helicobacter pylori*.

- The drug pref. comprises at least 1 of p-methoxycinnamic acid, ethyl cinnamate, and ethyl p-methoxycinnamate.

- USE/ADVANTAGE - The drug is used for treating gastritis, and gastric or duodenal ulcers.

- In an example, 100 g crude drugs, capsicum, green tangerine peel *Gentiana scabrae* radix, *evodiae* fructus, *picrosmae* lignum, *rhizoma acori graminei*, and *rhizoma kaempferiae* (Shannai) were extracted with ethanol in an amt. of 2-3 times as much as the amt. of the respective crude drugs (10 times for *picrosmae* lignum), at room temp. for one week.

- The obtd. extract liq. was condensed and dried to obtain respective extracts. 200 mg *Gentiana scabrae* radix extract, 200 mg *evodiae* fructus extract, 200 mg *rhizoma kaempferiae* (Shannai) extract, 600 mg crystalline cellulose, and corn starch were mixed, then water was added to prepare a granular drug in a package.

- Inhibiting effect on multiplication of *Helicobacter pylori* was examined for the respective extracts. The extracts showed inhibiting effect, and Shannai extract esp. showed strong effect. Analysis on Shannai verified that it contained p-methoxycinnamic acid, ethyl cinnamate, and ethyl p-methoxycinnamate. (Dwg. 0/0)

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PR - JP930353845 931228

PA - (ROHT) ROHTO SEIYAKU KK

MC - B04-A08C2 B04-C02A B04-C02B2 B10-C04E B10-G02 B14-E08 B14-E10B

DC - B04

IC - A61K31/19 ;A61K31/215 ;A61K35/78

AN - 95-299504 [45]

L8 ANSWER 22 OF 27 CAPLUS COPYRIGHT 1999 ACS

AN 1995:842711 CAPLUS

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TI Cinnamic acid compounds for prevention or treatment of Helicobacter pylori-related gastritis and peptic or duodenal ulcer

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PA Rohto Pharma, Japan

SO Jpn. Kokai Tokkyo Koho, 5 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

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AB Pharmaceutical compns. contg. cinnamic acid compds. selected from p-methoxycinnamic acid, Et cinnamate, and Et p-methoxycinnamate or those contg. Capsicum annum, Citrus reticulata, Gentiana manshurica, Picrasma quassioides, Curcuma zedparia, Kaempferia galanga, and/or Acorus gramineus are useful for the prevention or treatment of Helicobacter pylori-related gastritis and peptic or duodenal ulcer. Tablets were formulated contg. Et cinnamate 10, Mg stearate 2.5, and crys. cellulose to 250mg.